



PATENT  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ike W. Lee et al

Art Unit: 1634

Serial No.: 10/780,120

Examiner: Not yet assigned

Filed: February 17, 2004

Customer No.: 21559

Title: CARDIAC-CELL SPECIFIC ENHANCER ELEMENTS AND  
USES THEREOF

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit the enclosed Form PTO-1449. A copy of a communication  
from a foreign patent office in a counterpart application is also enclosed.

Submission of this statement is not a representation that a search has been made,  
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material to patentability.

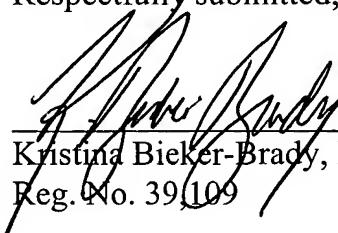
Under 35 U.S.C. § 120, this application relies on the earlier filing date of  
application serial number 09/761,466, which was filed on January 16, 2001. All of the

references listed in the Form PTO-1449 were submitted to and/or cited by the Office in the prior application and, therefore, copies of these references are not provided for this application. This statement is being filed before the receipt of a first Office action on the merits.

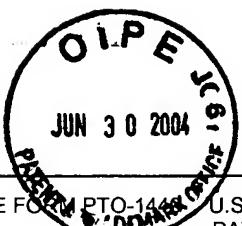
If there are any charges or any credits, please apply them to Deposit Account No. 03-2095.

Respectfully submitted,

Date: June 28, 2001

  
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Sheet 1 of 2

SUBSTITUTE FORM PTO-1448 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No.	01948/069003
				Serial No.	10/780,120
				Applicant	Ike W. Lee et al.
				Filing Date	February 17, 2004
				Group	1634
				IDS Filed	June 28, 2004
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(37 C.F.R. §1.98(b))					

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	WO 96/02552	01/02/96	PCT			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

	Chen et al., "Identification of Novel DNA Binding Targets and Regulatory Domains of a Murine <i>Tinman</i> Homeodomain Factor, <i>nkx-2.5</i> " <i>J. Biol. Chem.</i> 270:15628-15633 (1995)
	DOE Joint Genome Institute, Database Genbank, Accession Number AC008412 (2000)
	Edmondson et al., "Mef2 Gene Expression Marks the Cardiac and Skeletal Muscle Lineages During Mouse Embryogenesis" <i>Development</i> 120:1251-1263 (1994)
	Fishman et al., "Parsing the Heart: Genetic Modules for Organ Assembly" <i>Cell</i> 91:153-156 (1997)
	Heikinheimo et al., "Localization of Transcription Factor GATA-4 to Regions of the Mouse Embryo Involved in Cardiac Development" <i>Dev. Biol.</i> 164:361-373 (1994)
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	Komuro et al., "Csx: A Murine Homeobox-Containing Gene Specifically Expressed in the Developing Heart" <i>Proc. Natl. Acad. Sci. USA</i> 90:8145-8149 (1993)
	Lamerdin et al., "Sequence Analysis of a 3.5 Mb Contig in Human 19p13.3 Containing a Serine Protease Gene Cluster" Database Genbank, Accession Number AC006505 (1999)
	Lints et al., "Nkx-2.5: A Novel Murine Homeobox Gene Expressed in Early Heart Progenitor Cells and Their Myogenic Descendants" <i>Development</i> 119:419-431 (1993)
	Lyons, "Vertebrate Heart Development" <i>Curr. Opin. Genet. Dev.</i> 6:454-460 (1996)
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EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.	

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE		Attorney Docket No. 01948/069003
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Serial No. 10/780,120
(37 C.F.R. §1.98(b))		Applicant Ike W. Lee et al.
		Filing Date February 17, 2004
		Group 1634
		IDS Filed June 28, 2004
		Customer No. 21559

	Shiojima et al., "Molecular Cloning and Characterization of Human Cardiac Homeobox Gene CSX1" <i>Circ. Res.</i> 79:920-929 (1996)
	Strausberg, "National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index" Database Genbank, Accession Number AA994279 (1998)
	Tanaka et al., "Complex Modular <i>cis</i> -acting Elements Regulate Expression of the Cardiac Specifying Homeobox Gene <i>Csx/Nkx2.5</i> " <i>Development</i> 126:1439-1450 (1999)
	Tanaka et al., "Vertebrate Homologs of <i>Tinman</i> and <i>Bagpipe</i> : Roles of the Homeobox Genes in Cardiovascular Development" <i>Dev. Genet.</i> 22:239-249 (1998)
	Turbay et al., "Molecular Cloning, Chromosomal Mapping, and Characterization of the Human Cardiac-Specific Homeobox Gene <i>hCsx</i> " <i>Molec. Med.</i> 2:86-96 (1996)
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	GenBank Accession Number AC008412.2, DOE Joint Genome Institute, submitted August 3, 1999, replaced AC008412.1 on December 18, 1999
	Genbank Accession Number Z64004.1, submitted October 16, 1995
	Genbank Accession Number AAQ79353, submitted June 5, 1995

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